IN THE CLAIMS:

1. (Previously Presented) A syringe comprising:

a syringe cylinder having an end;

a syringe connection provided on said end of said syringe cylinder, said syringe connection having a free end, said syringe connection including a lock connection having an internal thread, said lock connection including a ring, said ring tapering conically toward said free end;

a cap, said cap engaging said free end of said syringe connection, said cap having an external thread, said external thread engaging said internal thread of said lock connection, said ring retaining said cap in a first position such that force is required to move said cap from said first position to a second position; and

a membrane closing said free end of said syringe connection, said cap having a spike for piercing said membrane, wherein said syringe cylinder, said syringe connection, and said membrane are formed as one piece of injection molded plastic.

2. (Canceled)

3. (Previously Presented) A syringe as in claim 2, wherein said cap is movable from a first position, where said spike is arranged opposite said membrane, to a second position, where said spike pierces said membrane.

4. (Previously Presented) A syringe as in claim 3, wherein said cap comprises a Luer connection having an inside, said spike being formed as a tube which communicates with said inside of said Luer connection.

5. (Previously Presented) A syringe as in claim 3, wherein one of said cap and said syringe connection is provided with at least one groove with a thread-like axial gradient, and the other of said cap and said syringe connection is provided with at least one stud which engages in a respective at least one groove, thereby providing a bayonet connection for moving said cap from said first position to said second position.

6. (Previously Presented) A syringe as in claim 4, further comprising a removable protective cap which engages over said Luer connection.

7. (Previously Presented) A syringe as in claim 1, wherein said syringe connection comprises a Luer connection, said membrane closing only said Luer connection.

8. (Canceled)

9. (Previously Presented) A syringe as in claim 3, further comprising means for retaining said cap in said first position so that force is required to move said cap from said first position to said second position.

10 - 14. (Canceled)

15. (Previously Presented) A syringe comprising:

a syringe cylinder;

a syringe connector element connected to said syringe cylinder, said syringe connector element having a conically tapered ring;

a membrane, said membrane being integrally connected to said syringe connector element to form a unitary syringe cylinder structure, wherein said syringe cylinder, said syringe connector element and said membrane are formed as one piece of injection molded plastic; and

a cap, said cap being flexible to generate a snap in retaining function as said cap moves over said ring of said syringe connector element, said cap being connected to said syringe connector element via said ring.

16. (Previously Presented) A syringe as in claim 15, wherein ring retains said cap in a first position such that force is required to move said cap from said first position to a second position.

17. (Previously Presented) A syringe as in claim 15, wherein said cap has a spike for piercing said membrane.

18. (Previously Presented) A syringe as in claim 16, wherein said cap has a spike for

piercing said membrane.

19. (Previously Presented) A syringe as in claim 17, wherein said cap is movable from a first position to a second position, said spike being opposite said membrane in said first position, said spike engaging said membrane in said second position such that said spike pierces said membrane.

20. (Previously Presented) A syringe as in claim 18, wherein said syringe connection includes a lock connection having an internal thread, said cap having an external thread, said external thread engaging said internal thread of said lock connection.

21. (Previously Presented) A syringe as in claim 15, wherein said syringe connection includes a lock connection, said lock connection having an internal thread, said cap having an external thread, said external thread engaging said internal thread of said lock connection.

22. (Previously Presented) A syringe as in claim 15, wherein said cap is movable from a first position to a second position, said spike being opposite said membrane in said first position, said spike engaging said membrane in said second position such that said spike pierces said membrane.

23. (Previously Presented) A syringe as in claim 15, wherein said syringe connection

includes a Luer connection, said membrane closing said Luer connection.